Nı	Numb r: 10/074, 911 Edited	rocessi	ng Date: <i>I、SPE</i> A	1/1-36	3-2a
•	Changed a file from non-ASCII to ASCII	ed by:			(STIC sta
	Changed the margins in cases where the sequence text was "wrapped" down	n to the	next lin		ED
	Edited a format error in the Current Application Data section, specifically:		Sec	pag	e 5
	Edited the Current Application Data section with the actual current number. applicant was [] the prior application data; or [] other	The nur	nber inp	utted	by the
	Added the mandatory heading and subheadings for "Current Application Data	a*.		-	
	Edited the "Number of Sequences" field. The applicant spelled out a number	instead	d of usin	ġ an i	nteger.
	Changed the spelling of a mandatory field (the headings or subheadings), spe	ecificall	y:		
•	Corrected the SEQ ID NO when obviously incorrect. The sequence numbers	that we	ere edite	ed wer	e:
ı	Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID N	NO's ed	ited:	-	
(Corrected subheading placement. All responses must be on the same line as applicant placed a response below the subheading, this was moved to its app	s each s ropriate	subheac place.	ling. If	the
	Inserted colons after headings/subheadings. Headings edited included:	· .			
	Deleted extra, invalid, headings used by an applicant, specifically:		¥		
	Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretar ☐ page numbers throughout text; ☐ other invalid text, such as	ry initia	s/filenar	ne at e	end of file
	Inserted mandatory headings, specifically:				
	Corrected an obvious error in the response, specifically:		-		
	Edited identifiers where upper case is used but lower case is required, or vic	e versa	•		
	Corrected an error in the Number of Sequences field, specifically:				
_	A "Hard Page Break" code was inserted by the applicant. All occurrences ha	ad to be	deleted	j.	-
	Deleted ending stop codon in amino acid sequences and adjusted the *(A)Ledue to a Patentin bug). Sequences corrected:			ording	ly (error
d	sao to a r atomin bogy. Codechoos con concer.				

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

RAW SEQUENCE LISTING DATE: 03/13/2002 PATENT APPLICATION: US/10/074,511 TIME: 09:24:22

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J074511.raw

```
3 <110> APPLICANT: Salceda, Susana
      4
              Macina, Roberto
      5
              Hu, Ping
      6
              Recipon, Herve
      7
              Karra, Kalpana
      8
              Cafferkey, Robert
      9
              Liu, Chenghua
     10
              Sun, Yongming
     12 <120> TITLE OF INVENTION: Compositions and Methods Relating to Breast Specific Genes
and Proteins
     14 <130> FILE REFERENCE: DEX-0314
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/074,511
C--> 16 <141> CURRENT FILING DATE: 2002-02-12
     16 <150> PRIOR APPLICATION NUMBER: 60/268,289
     17 <151> PRIOR FILING DATE: 2001-02-13
     19 <160> NUMBER OF SEO ID NOS: 110
     21 <170> SOFTWARE: PatentIn version 3.1
     23 <210> SEO ID NO: 1
     24 <211> LENGTH: 999
    25 <212> TYPE: DNA
     26 <213> ORGANISM: Homo sapien
    28 <400> SEQUENCE: 1
    29 ggataacaac cgaaaqtgat tatatatqqq ccatqqqtct ctaqatcatq ctcqaqcqcq
                                                                               60
    31 cgcagtgtga tggatgcggc gcccgggcag gtactttgtc cctgattaaa taatgtgacg
                                                                              120
    33 gatagcaatg catcaagtgt ttattatgaa aagagtggaa aagtatatag cttttagcaa
                                                                              180
    35 aaggtgttgg cccattctaa gaagatgagc gaatatatag aagatacgtg tgggcatttc
                                                                              240
    37 ttcctgttag gtggagctgt atgctgttga cgtttctccc catactcttc ccactctgtt
                                                                              300
    39 ttctccccat tatttgaata aagtgactgc tgaagatgac ttggaatcct tatccactta
                                                                              360
    41 gatttaatgt ttagagaaaa acctgtaggt ggaaagtaag actccttccc tgaattgtca
                                                                              420
    43 gtttagagca acttgagaga agagtagaca aaaaataaaa tgcacataga aaaagagaaa
                                                                              480
    45 aagggcacaa agggattggc ccaatattga ttctttttt ataaaacctg cctttggctt
                                                                              540
    47 agaaggaatg actctagcta caataataca cagtatcgtt caagcaggtt cccttggttg
                                                                              600
    49 ttgcattaaa tqtaatccac ctttaggtat cttagaacca cagaacaaac actgtgtttg
                                                                              660
    51 atctagtagg tttctatttt tcctttctct ttacaatgca cataatactt tcctgtattt
                                                                              720
    53 atatcataac gtgtatagtg taaaatgtga atgacttttt tcgtgaatga aaatctaaaa
                                                                              780
    55 tetttgtaac tttttatate tgettttgtt teaccaaaga aacetaaaat eettetttta
                                                                              840
    57 aaaaaaaaaa caaaaaaaca aaaaaaaaaa aaggcggggg gtacccaggg gccaaagctg
                                                                              900
    59 gcgccqqqqq qqacattqqt ttcccqqccc acattccccc ccatatcqca caaaaaaaaq
                                                                              960
    61 ggacaggaga gcgagccaag aagaaccaac cagagaaag
                                                                              999
    64 <210> SEQ ID NO: 2
    65 <211> LENGTH: 557
    66 <212> TYPE: DNA
    67 <213> ORGANISM: Homo sapien
    69 <400> SEQUENCE: 2
```

RAW SEQUENCE LISTING DATE: 03/13/2002 PATENT APPLICATION: US/10/074,511 TIME: 09:24:22

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J074511.raw

70 actctaatat aaaggacagg tggtgtttct aaataattgg ctgctatggt tctgtaaaaa	60
72 ccagttaatt ctatttttca aggtttttgg caaagcacat caatgttaga ctagttgaag	120
74 tggaattgta taattcaatt cgataattga tctcatgggc tttccctggg aggaaaggtt	180
76 ttttttgtgg tgtttttttt aagaacttga aacttgtaaa ctgaagatgt ctgtgagctt	240
78 ttttgcccat ctgtaggtgt actgtgaaga tttcaaaacc tgagagcact ttttcttgtg	300
80 tgttagaatt atgagaaagt ggctagatga ctttaggatt tgcgattttt ccctttattg	360
82 gctcatttct ttgtgacgcc tttgtttggg gagggaaatc tgtttatttt ttcctacaaa	420
84 taaaaagcta agattctata tcgcaaaaaa aaaaaaaaaa	480
86 gaaactcggg gcaaaagggg tccccggggg gaaattggtt ttcggtcaaa attcccaaat	540
88 attagaaaa aaaaaga	557
91 <210> SEQ ID NO: 3	
92 <211> LENGTH: 1200	
93 <212> TYPE: DNA	
94 <213> ORGANISM: Homo sapien	
96 <400> SEQUENCE: 3	60
97 atggcgtggc ggcggcgcga agccggcgtc ggggctcgcg gcgtgttggc tctggcgttg	60 120
99 ctcgccctgg ccctgtgcgt gcccggggcc cggggccggg ctctcgagtg gttctcggcc 101 qtggtaaaca tcgagtacgt ggacccgcag accaacctga cggtgtggag cgtctcggag	180
	240
103 agtggccget teggcgacag etegeceaag gagggegege atggeetggt gggcgteeeg 105 tgggegeeeg geggagaeet egagggetge gegeeegaea egegettett egtgeeegag	300
	360
107 cccggcggcc gaggggccgc gccctgggtc gccctggtgg ctcgtggggg ctgcaccttc	420
109 aaggacaagg tgctggtggc ggcgcggagg aacgcctcgg ccgtcgtcct ctacaatgag	480
111 gagegetaeg ggaacateae ettgeeeatg teteaegegg gaacaggaaa tatagtggte 113 attatgatta getateeaaa aggaagagaa attttggage tggtgeaaaa aggaatteea	540
115 attatyatta yetateedda dyyddydda attityydye tyytyeddad dyyddiedd 115 gtaacgatga ccataggggt tggcacccgg catgtacagg agttcatcag cggtcagtct	600
117 gtggtgtttg tggccattgc cttcatcacc atgatgatta tetegttagc etggctaata	660
11) ttttactata tacagogttt cotatatact ggototoaga ttggaagtca gagocataga	720
121 aaagaaacta agaaagttat tggccagctt ctacttcata ctgtaaagca tggagaaaag	780
123 ggaattgatg ttgatgctga aaattgtgca gtgtgtattg aaaatttcaa agtaaaggat	840
125 attattagaa ttetgecatg caageatatt ttteatagaa tatgeattga eceatggett	900
127 ttggatcacc gaacatgtcc aatgtgtaaa cttgatgtca tcaaagccct aggatattgg	960
129 ggagageetg gggatgtaca ggagatgeet getecagaat etecteetgg aagggateea	1020
131 getgeaaatt tgagtetage tttaccagat gatgaeggaa gtgatgagag cagtecacca	1020
133 teageeteee etgetgaate tgageeacag tgtgateeca getttaaagg agatgeagga	1140
135 gaaaatacgg cattgctaga agccggcagg agtgactctc ggcatggagg acccatctcc	1200
138 <210> SEQ ID NO: 4	1200
139 <211> LENGTH: 816	
140 <212> TYPE: DNA	
141 <213> ORGANISM: Homo sapien	
143 <400> SEQUENCE: 4	
144 accaetetae ecteegeace teeteetgea teageeggee tgaagtegea eceteeteet	60
146 ccggatgaag tagagaaata aatttctccc accctaaacc agtctttgag ctgattgcag	120
148 tatgactcca tttaccctgc tgcattcata taatagttca cctggtgcaa aacaactgaa	180
150 gattatttac aatgctaccc tgctttttct ggtgtcctga acctgcgaag ttgtgctttt	240
152 taacgtetta tgatgtaate agegegattt cacttacetg aatttegeat gaattetaca	300
154 gacatgggca agatcgggtt gtaagacctc tgagatttaa ggccatgccc ctggatcatg	360
156 gtgaacttac caaagcaaac aatgcctgtg agatggtcct gcagcagcca accagtgaac	420
158 tettttggtg acateegtgt tettgttgta taaetttata tteetataaa teeattaagg	480
160 ccccaataaa gtttgtctct aagcgctgtg ttagatctat atgactacat ctagtaaatt	540

RAW SEQUENCE LISTING DATE: 03/13/2002 PATENT APPLICATION: US/10/074,511 TIME: 09:24:22

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J074511.raw

						•		
1	62	gtgaatttta a	agtaaatatt	ttataaqaac	tcctatqtaa	agcattacta	aaattagtgt	600
1	64	tgaaatatga c	ecttetteet	acatttattc	atttattat	gtctatttat	tcatttattt	660
1	66	tagtgaaaaa t	ataagggaa	agtagaggaa	ggttcaaatc	спавававав	aaaaaaaaa	720
1	60	aaaaaaaaaa c	actaggeau	acctctagg	caaaggggtc	ccaaaaaaaa	ttaatttccc	780
						ccggggggaa	ccggcccooo	816
		gccccaaatt c		LLLCCGCCCa	ayyytt			010
		<210> SEQ ID						
		<211> LENGTH						
		<212> TYPE:						
		<213> ORGANI		apien				
		<400> SEQUEN						
		accactctac c						60
1	81	ccggatgaag t	agagaaata	aatttctccc	accctaaacc	agtctttgag	ctgattgcag	120
1	83	tatgactcca t	ttaccctgc	tgcattcata	taatagttca	cctggtgcaa	aacaactgaa	180
1	.85	gattatttac a	atgctaccc	tgctttttct	ggtgtcctga	acctggaagt	tgtgcttttt	240
1	87	aagtcttatg a	tgtaatcag	cgcgatttca	cttcctgaat	ttcgatgaat	tctaagacat	300
1	89	gggcaagatc g	ggttgtaag	acctctgaga	tttaaggcca	tgccctggat	catggtgaac	360
		ttaccaaagc a						420
1	93	ggtgacatcc t	gttcttgtt	gtataacttt	atattcctat	aaatccatta	aggccccaat	480
1	95	aaagtttgtc t	ctaagcgct	gtgttagatc	tatatqacta	catctagtaa	attgtgaatt	540
1	97	ttaagtaaat a	ttttataag	aactcctatq	taaaqcatta	ctaaaattag	tqttgaaata	600
1	99	tgaccttctt c	ctacattta	ttcatttatt	tatotctatt	tattcattta	ttttagtgaa	660
2	01	aaatataagg a	aagtagagg	aaggttaaat	ccaaaaaaga	attotttcca	gtacactttc	720
2	กร	tttaatttgc t	atcaattt	tacatagaat	ctacatcttt	ttatgctaat	cctcatccta	780
2	05	gtattttaca t	cttaactat	ttttttctca	ctgaaatggt	tgatgtgctt	gttttttgta	840
		attttctact t						900
2	07	cagtaataaa t	- nttntaata	aacycccagc	actgaacaaa	gaaacatta	gatagcagct	960
		ttcaatattt c						1020
			calalagett	alaaalytti	caggaartac	aayyccacay	aududucce	1029
		atagactat						1023
		<210> SEQ II						
		<211> LENGTH						
		<212> TYPE:						
		<213> ORGANI		apien				
		<400> SEQUEN						60
2	22	gaagatccac a	tagggctgg	gtcctctaga	tgctgctcga	gcggcgcagt	grgarggarg	
2	24	cgtggtcgcg g	gcgaggtaca	aataattett	ttatgaaaaa	taaaactcta	cttatgcata	120
2	26	cctggttgac a	atatgacaa	ttttaaacta	cagtataaat	atgagatgtt	ggttaaaatc	180
2	28	cttcagcagg c	cttcttatgt	ctactagtgt	tctagtcttt	cttggcacat	cctatttcta	240
2	30	tttaggcttc t	ggccctacc	tctctagcat	cacttctcct	gaaaccagcc	atgggaactg	300
2	32	aaacaactaa a	ıgaatgtgtc	aagtacacta	gaacggaaat	taaagctgct	aacattctaa	360
2	34	gccattagac c	ctatattatt	ctctgtgtgt	gtgcacatgt	gtgtatcgga	tctgactatc	420
2	36	tgactgtgtg t	aactatgta	taacgaatat	tcgactcttc	acccacttaa	ctctgaccaa	480
2	38	aataacgctg c	cacttaaaaa	gtatcccaaa	acttactggc	ttaaaacgct	gacatcagtt	540
2	40	atccaacaga t	cttcagatt	ggctgacatt	tgtccaaagt	cagtcttgca	tggatggttc	600
2	42	taactggtct c	ctctcattca	tactctggaa	ccagtttgag	ttcacttggg	cagtggctct	660
2	44	gcctcacatg t	tgcatatcc	tcctgtggga	ccagcagact	agtctaaagc	atatccttct	720
2	46	tgtgctacca t	aaggttcaa	aagtaagctt	tataaacttc	tgttcatgtc	ccgtctgcta	780
		atattccatt g						811
		<210> SEQ ID						
2	52	<211> LENGTH	I: 869					•

RAW SEQUENCE LISTING DATE: 03/13/2002 TIME: 09:24:22 PATENT APPLICATION: US/10/074,511

Input Set : A:\PTO_MS.txt
Output Set: N:\CRF3\03132002\J074511.raw

	<212> TYPE: DNA					
	<213> ORGANISM: Homo s	sapien				
	<400> SEQUENCE: 7					
	agcgccgcca gttgtgatgg					60
	acacccaggc ccacaaactt					120
	acattctgaa cagcctgatc					180
	ttttccttcc ttttgttagt					240
	aaaacactca tttgatattg					300
	tgttctattg atacaatgtt					360
	agagaagtgg gcatccttcc					420
	tctggttact ggcatccctt					480
	agaaaaactc ccagttagtt					540
	aaaattattg ccagttttag					600
277	taacatgctt tccttgtttg	tggaaacaag	caaaaacttc	cctttttgtg	ttacgggatt	660
279	tgtgacctac aaatcctaat	catgtttaaa	atgtgccggt	gtcgggtaga	tgacttttct	720
281	gccctctggg ggtcaccttt	attatttaag	gataccttta	aattacaaca	aacacaacaa	7,80
283	caccagatca ccaaacacac	acggcgcggg	gacccgggcg	acaacgcggc	ccccggggga	840
285	aaagtgtccg gcccaatcaa	gtgtgagga				869
288	<210> SEQ ID NO: 8					
289	<211> LENGTH: 883					
290	<212> TYPE: DNA					
	<213> ORGANISM: Homo s	sapien				
	<400> SEQUENCE: 8	-				
	actgtgggaa ggggagttgg	gcactcttqq	aggageteet	gctgaaggtg	gtcagcctgc	60
	ctgacaatgg aaggcatact					120
	gctgatgtta aaactcattt					180
	gtatatttta gggttgcagt					240
	tttacatttt aaagaaaata					300
	gggaataata tttagatttc					360
	tgtaactttc accccaatc					420
	actagcattt tcaaaccttt					480
	attetttagg taagaatgat					540
	ggatagatac ttcctcaaga					600
	caagcagact gacaacgttt					660
	gaaggagtgg aacggaggaa					720
	aaaaaaaaaa aaaaaaaaaa					780
	tgacacttgg ttacccgctc					840
	aacaagacga aagaaccaga				acygaaaaca	883
	<210> SEQ ID NO: 9	ayaaacacaa	aaaaacaaya	aca		003
	<211> LENGTH: 2898					
	<212> TYPE: DNA	anian				
	<213> ORGANISM: Homo s	apien				
	<400> SEQUENCE: 9				aatattaa	60
	ggccattatg gccgggagtg					60
	aaagaattca gaggatttga					120
	gcaatttta agactcaact					180
	acgttgcttt tgaacaccag					240
	agggcttgga cttaagatag					300
341	gtatccctta tggatggtac	atgtgcaaca	gggaactctt	acttcatata	ccctttgcag	360

RAW SEQUENCE LISTING DATE: 03/13/2002 PATENT APPLICATION: US/10/074,511 TIME: 09:24:22

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J074511.raw

```
343 taatcattca gggaggaaga aaaacctgga acttgaatga aggctgatct ttgttttgtg
                                                                      420
 345 cactgtggcc ctgccaggca tatagtgaag gtgaatgtct tctccctcag aaaaaaattg
                                                                      480
 347 gttccttgct gtcccagtaa ggcatagctt ttccagccct aactttaaaa ctcagtgagg
                                                                      540
 349 acttagatgg gaaagaatga ggtaaataca aaggattgca ggacaacaac tacagcgttg
                                                                      600
 351 tgtactgtgg gaaggggagt tgggcactct tggaggactc ctgctgaagg tggtcagcct
                                                                      660
 353 gcctgacaat ggaagacata cttgaatggg gagcagggta tgtgctttca tatgaaaaaa
                                                                      720
355 gagctgatgt taaaactcat ttggtgaggt caacgttgtc acataccttc acataaqqga
                                                                      780
357 tagtatattt tgggttgcag tcaaacttgt gctcagactg gtgaaactga gagtcaggct
                                                                      840
359 tttacatttt aaagaaaata cagttttcat tctaattcag gtgtctactt attttatgta
                                                                      900
361 agaataattt tagattteec ecceaceatg aagtttette etatttttt tatgetgtaa
                                                                      960
363 cttaccccca atctttatct ctggattttt actctttaaa ttttgaagtt gactagcatt
                                                                     1020
365 ttcaaacctt tattttatac ccttgtcttt tatattaact ttttcttatt attctttagg
                                                                     1080
367 taagaatgat tgatgttggc tgatattgga gtgctcattc acatgaagtg gatagatact
                                                                     1140
369 totcaagaca toacacagog tgagtcaato aaggagggaa gocacaagca gactgacaac
                                                                     1200
371 gtttctagca ggatcaggtg agctgtgtcc agaaaaccaa cgagaaggag tggaaggagg
                                                                     1260
373 aatgaacgtt tcattctcgt taataaaggc attatcctaa ttaaaaaaaa aaaaaaaaa
                                                                     1320
1380
1440
379 aagaaaaaag aagagagcaa gtaggctata taataqttaa attqqaqaat qtqqtatttt
                                                                     1500
381 tggaatgata taagagaaaa tcagagagac ggagcgaaca cacaaagctg ggaacagcca
                                                                     1560
383 gaccaacact aaagacgaaa gtaaggaaga caacgacata agggcgacaa acgtacacac
                                                                     1620
385 aaacccccaa gccactaaga aacaaaaag gaatgagaag aaaacacaga agactacaca
                                                                     1680
387 acagetatge geceaageag aatgeactaa aceagaeaca etaaegeaac acateaaeeg
                                                                     1740
389 aaaacaaaag agagaaatag cggacagaaa gagagagatc aatatcagaa cagcccaacg
                                                                     1800
391 caaagagcta gatgatgcaa ccaaacctag acacgaacaa tcagtgagtg atgaaaaaca
                                                                     1860
393 tcacaacaac acgagcactg aaaccgacat aatcaaaaac aaacgaaaca acacgactaa
                                                                     1920
395 tacaggacgg aacacctaga cgcacgacga caacaaacac tcaacacgaa acaccagcac
                                                                     1980
397 ccaacagatg cacagaaatg acaacaaacc agaccggaga caagaaatca taatactaga
                                                                     2040
399 aaaagaaaaa cacataaact tatcacacaa atcacctaca cataaaacat aacgacaaat
                                                                     2100
401 acaaaatact aaataaaaaa ataatctaca acacacaata aaaccaataa aacaacaatc
                                                                     2160
403 acacacat ctagaccata tacacattat acaaacacaa tatatatcta tatcaaatca
                                                                     2220
405 agacaaaaac acatacaaat tacaaaatac aacactaaag aagactataa catcaatata
                                                                     2280
407 atatatcaat aacgaaatca acagtaacac cagttaaaca atacatatca caagaaacac
                                                                    2340
409 aactacgaaa gcagagaaga cgataggaga gagagaagag agagatgaac gagagcgacg
                                                                    2400
411 agaaacagga cgagaggccg aaattagatg gcagaggcgc gaacgctgca gaagcggaag
                                                                    2460
413 ggagagcaga gaaaatagag tgggcgggat gacagaggta ggcaacagag gaggatgagc
                                                                    2520
415 gaggaagaag cgaagtcgag acggcacgaa acgcaggatg cagtaacgac tgacacacga
                                                                    2580
417 ggaggcagac cagacagatg agcagcgcga gagcgaacga ccagcactca gatgcgaccc
                                                                    2640
2700
421 tacagatcat ctcgtcgagc acaacacgac gaaggcgcga tcgagatgca tagacgcgac
                                                                    2760
423 tgcgagcaca acggcccgga gaaccggagc gcacaagcga ggtcggatga gagcaacaga
                                                                    2820
425 attgagcttg gaggatagag tgagaaaaag aaagaacgaa caaaccgaca tcccagcaca
                                                                    2880
427 acaacacacc aaaaaaca
                                                                    2898
430 <210> SEQ ID NO: 10
431 <211> LENGTH: 810
432 <212> TYPE: DNA
433 <213> ORGANISM: Homo sapien
435 <400> SEQUENCE: 10
436 gcgtggtcgc ggccgaggta cttaccatgt tctgttctga gaatactctg cctcaagata
                                                                      60
```



Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 03/13/2002 PATENT APPLICATION: US/10/074,511 TIME: 09:24:23

Input Set : A:\PTO_MS.txt

Output Set: N:\CRF3\03132002\J074511.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:1105 M:341 W: (46) "n" or "Xaa" used, for SEO ID#:25

L:1105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 L:1146 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 L:1794 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 L:1796 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 L:2079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53